

## **6. Project Post Construction BMPs**

### **6.1. Overview**

This chapter describes the BMPs for post construction for new development and redevelopment projects implemented by MDOT and any changes that have occurred with this program during the reporting period. This chapter deals with projects that are implemented by organizations outside of MDOT that affect MDOT's facilities or property. Additional information on MDOT's post construction for new development and redevelopment projects non-structural BMPs is included in the Storm Water Management Plan (SWMP). The organization of this chapter is as follows:

- Section 6.2. describes the status of implementation of the BMPs that were described in the SWMP.
- Section 6.3. contains the schedule for further implementation of the BMPs.

### **6.2. BMP Status and Measurable Goals**

Each of the following sections will discuss the status of the non-structural BMPs identified and described in the SWMP and the measurable goals that were obtained over the reporting period.

#### **6.2.1. BMP Changes**

There were no changes to BMP Status during this reporting period.

#### **6.2.2. Coordination with MPOs and Local Planning Agencies**

MDOT currently works with the Metropolitan Planning Organizations (MPO) and local planning agencies to prepare transportation plans as required by the Transportation Equity Act for the 21<sup>st</sup> Century.

Within the five Phase I communities, no activity has warranted special coordination between MDOT and MPOs or local agencies above and beyond the normal business of MDOT. This system of coordination will be updated once the Phase II permit is issued and the number of local planning agencies and watershed groups increases. A basic message will be prepared and provided to all the Phase II communities to inform them of MDOT's Phase II storm water program and how they can interact with it on a local level.

No changes have been made to the program over the reporting period, as it is a continuous process that is not subject to frequent changes. Information specific to the Phase I communities is presented in Chapter 10.

In order to evaluate the effectiveness of this program, several measurable goals have been established. The results of the measurable goals are included below in Table 6-1.

**Table 6-1 Coordination with MPOs Measurable Goals**

Measurable Goals	Type	Results or Quantity
Summary of any new programs, policies, procedures, or information	No changes were made	0
Number and names of metropolitan planning organizations or local planning agencies identified and worked with	Southeast Michigan Council of Governments (SEMCOG)	3
	Grand Valley Metro Council	
	Genesee County Metropolitan Planning Commission	

### **6.2.3. Review of Site Plans for Commercial Operations**

All operations that need to work in the MDOT Right-of-Way (ROW) by either constructing a driveway or tapping into the existing MDOT MS4 are required to obtain a permit from MDOT. MDOT's legal authority to control access and drainage adjacent to MDOT roadway ROWs was established for non-MDOT projects, by Act 200 of the Public Acts of 1969, as amended, and the applicable administrative rules (247.224, Rule 24f). This act also requires all parties who propose driveway construction adjacent to MDOT's ROW to obtain a permit from MDOT. This permit process involves a review by MDOT of the proposed drainage for the site and requires that runoff from the site does not exceed the pre-developed condition.

As stated in Section 6.2.3. of the SWMP, MDOT has the legal authority, derived from state statutes, to prevent or minimize future illicit connections. This legal authority, as outlined in the MDOT Construction Permit Manual Section 9.13, provides MDOT with the legal mechanisms to control construction site and other industrial discharges to the MS4. This section of the manual has been updated as of July 21, 2003, to reflect needed changes to assure MDOT employees all follow the same procedure when a potential illicit discharge or connection is discovered. Refer to Appendix E for a copy of the Section 9.13.

As the process outlined in the MDOT Construction Permit Manual Section 9.13 becomes fully implemented, work will be done to identify changes in data entry, reporting, and to develop a new description of the permit process.

During this reporting period, the current Tap-In process to existing MDOT storm sewers was reviewed and updated. Sections 14.01 and 14.02 of the Construction Permit Manual were revised to consider water quality and the potential need for drainage retention/detention basins in certain situations. Refer to Appendix E for a copy of the revised Section 14.01 and 14.02.

In order to evaluate the effectiveness of this program, measurable goals have been established. The results of the measurable goals are included below in Table 6-2.

**Table 6-2 Review of Site Plans for Commercial Operations Measurable Goal**

<b>Measurable Goal</b>	<b>Result</b>
Summary of new programs, policies, procedures or information	Changes have been made to the Construction Permit Manual 9.13 to provide guidance as to how MDOT Employees and Contractors should deal with potential illicit discharges/connections.
Summary of new programs, policies, procedures or information	Each Region has been notified of the Construction Permit Manual and is responsible for its implementation.

### **6.3. Implementation Schedule**

MDOT will continue to implement these BMPs and will begin work on any other necessary tasks upon instruction by MDEQ and the availability of funds. The following Table 6-3 is an estimated implementation schedule for all of the actions needed to fulfill the BMPs discussed in the SWMP and this chapter for the post construction storm water management program for new development and redevelopment projects.

**Table 6-3 Implementation Schedule for Post Construction Storm Water Management Program for New Development and Redevelopment Project BMPs**

<b>Section No.</b>	<b>Action</b>	<b>Year of Implementation</b>			
		<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
<b>6.2.2</b>	<b>Coordination with MPOs and Local Planning Agencies</b>				
	Continue to identify and work with MPOs/local planning agencies	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
	Keep track of and summarize new programs, policies, procedures or information	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>6.2.3</b>	<b>Review of Site Plans for Commercial Operations</b>				
	Continue ongoing work and keep track of and summarize new programs, policies, procedures or information	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>